

# Info sheet: WIESEL Frost oven / operation with pead briquettes

Oven must be assembled before first operation: screws and nuts included in delivery. The sheet has 4 pre-machined holes with a diameter of 10mm on each side. These are screwed together with a screw and a nut each. On the bottom, the oven has 8 holes with a diameter of 50mm these provide the correct air supply. The grate is hooked into these holes by turning the oven upside down and first setting the grate in place with two holes and then pressing it in with all four holes. Turn the oven over again and then fill it with a lid.

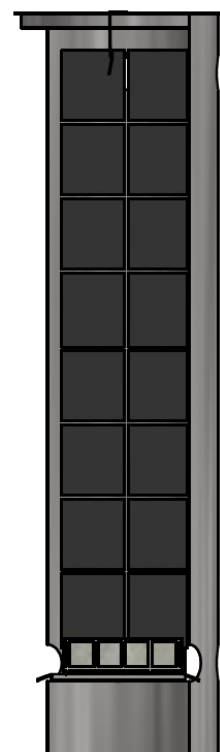
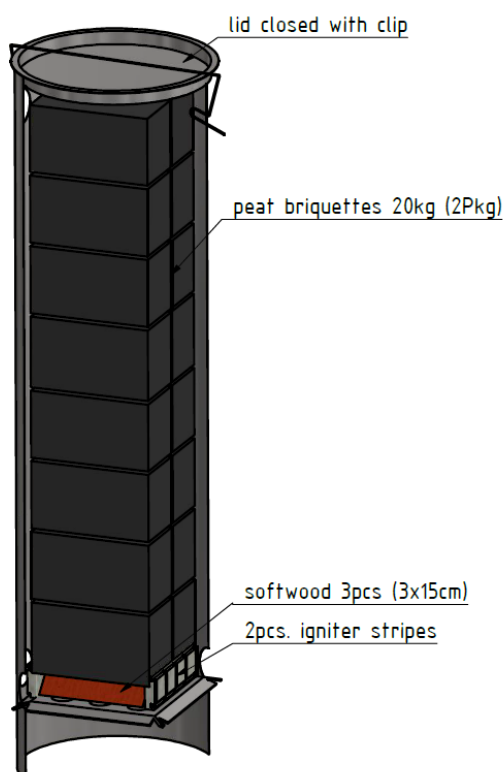
**When using the oven without lid the net or foil may not be open!**

Minimum distance to the top is 4m to prevent burning of the net or foil.

Heading:

1. To ignite the peat it needs an additional material. You put 3 pieces of split softwood logs into the oven first.
2. Fill the oven with 10-20kg peat briquettes depending on the desired heating time. Arbitration of the briquettes standing. (See view)
3. Just before heating up from below, insert 2 quarter panels of kerosene lighters to the left and right of the heating material through the ventilation holes at the bottom so that they are still visible.
4. Place cover and close with clip.
5. Ignite the kerosene lighters with the aid of a gas burner through the ventilation holes below
6. Remove and refill the ashes after being removed
7. Storage can be done in the orchard on the pillar

**We recommend 300 ovens on one hectare.**



# Warnings:

Since the oven reaches temperatures of more than 800°C during operation, appropriate caution is required. A temperature of approx. 400°C is enough.

Be sure to follow the warnings! This prevents property damage and injuries that can even cause death in the worst case.

- Before ordering check the legal admissibility of the specific intended use by clarifying the situation with the competent authorities.
- We recommend that you coordinate the specific use you intend with the local fire brigade before commissioning.
- Before commissioning a whole field, the national warning centre must be informed about the intended commissioning. The initial smoke could otherwise trigger a fire alarm, in case of non-notification the costs are borne by the polluter itself.
- Read the Info sheet.
- Gloves must be worn when working with the Frost oven system. Due to the manufacturing process, sharp edges are present, which can cause corresponding injuries.
- The oven must be used outdoors and with good ventilation. The use indoor and in an enclosed space must be omitted.
- In the event of a storm or strong wind, the operation of the oven must be omitted. Observe the weather forecasts before lighting.
- In the event of long drought, the operation of the oven must be omitted.
- Take precautions that the oven does not overturn (e.g.: through uneven ground, wind, animals, etc.)
- In order to prevent the frost oven from tipping over during operation, it must be secured and only be used with the frost oven support rod and the associated strip cover.
- Position the oven only on stable, level, horizontal and fireproof surfaces.
- It is not possible to change the position during operation.
- Be careful to not come into contact with the hot surfaces. Never touch the hot oven wall.
- Take precautions to keep children, people and animals away from the oven.
- If necessary, build barriers against accidental reaching the oven or its hot surfaces.
- Make sure that sparks or flames that may leak out of the combustion chamber do not ignite other materials.
- Keep fire extinguishers within reach before lighting.
- Never leave the ignited oven unattended.
- In any case, keep enough safety distances to the oven. Note a possible spark flight. Find out the necessary safety distances, at your local fire protection authority or fire brigade.
- Ensure that no flammable substances, materials are within the specified safety distances. This includes trees, shrubs, plants, woods, fences, buildings, roofs or anything like that.
- Keep the oven clean and check it before any commissioning.
- Be careful when cleaning, because embers can stay in the ash for a long time.
- Do not make any modifications to the oven. Structural changes to the oven can lead to serious damage and health hazards.
- Use only fuels provided by Fruit Security which are specially designed for the oven.
- The storage of the fuel materials must be done with precautions for fire protection. Highly flammable materials must be stored in accordance with the specifications.
- Make sure that the fuel is stored dry to avoid excessive smoke.
- Smoke may develop during the operation. Depending on the wind direction, there may be smoke and/or odour nuisance in the neighbors.
- Due to the possible smoke development, make sure that there is no visual obstruction in road traffic!!!
- In case of danger in default, the fire brigade must be immediately alerted.